

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	(ASPLAND with MARK).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 19:25
S1	297	(84/415).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 21:08
S2	2	"20080034944"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 21:41
S3	463	"84"/\$.ccls. and (drum or percussion or drumhead) same (chang\$3 or alter\$3 or tuning or adjustment or adjust\$3) near6 (range or frequency or pitch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 21:59
S4	3	("6700044").URPN.	USPAT	OR	OFF	2008/11/25 08:59
S5	5	("4154137"   "4745839"   "4899635"   "5581030"   "5892169").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/25 11:54
S6	1	("5581030").URPN.	USPAT	OR	OFF	2008/11/25 12:37
S7	7	("4244266"   "4325280"   "4325281"   "4567807"   "4671158"   "4899635"   "5107741").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/25 12:37
S8	12	("4745839").URPN.	USPAT	OR	OFF	2008/11/25 14:38
S9	1	("5404784").URPN.	USPAT	OR	OFF	2008/11/25 14:42
S10	2	("5233898").URPN.	USPAT	OR	OFF	2008/11/25 14:43
S11	2	("6043420").URPN.	USPAT	OR	OFF	2008/11/25 14:46

S12	2	("5088376").URPN.	USPAT	OR	OFF	2008/11/25 14:47
S13	9	("4154137").URPN.	USPAT	OR	OFF	2008/11/25 14:49
S14	1	("6172289").URPN.	USPAT	OR	OFF	2008/11/25 14:52
S15	46	("0478611"   "0627766"   "1252878"   "1446327"   "2565225"   "2604001"   "3026759"   "3136201"   "3261253"   "3368442"   "3509264"   "3680423"   "4026185"   "4077297"   "4095505"   "4154137"   "4168646"   "4242937"   "4244266"   "4254685"   "4279188"   "4325281"   "4362081"   "4469001"   "4577541"   "4616552"   "4742753"   "4805514"   "4979422"   "4984498"   "5042356"   "5056403"   "5115706"   "5583307"   "6072112").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/25 14:52
S16	4	("4469001").URPN.	USPAT	OR	OFF	2008/11/25 14:54
S17	4	("4095505").URPN.	USPAT	OR	OFF	2008/11/25 14:56
S18	4	("4026185").URPN.	USPAT	OR	OFF	2008/11/25 15:05
S19	0	(rumhead tensioning device method).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/11/25 15:50
S20	6	(drumhead tensioning device method).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/11/25 15:50
S21	27	bass near4 drum and (stick or drumstick\$3 or strik\$3) with (within or inside or interior or chamber or hollow or bosy) same pedal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 20:08

S22	40	bass near4 drum and (Beat \$3) with (within or inside or interior or chamber or hollow or boso) same pedal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 20:09
S23	12	("3742806").URPN.	USPAT	OR	OFF	2008/11/25 20:13
S24	81	"84"/\$.ccls. and drum same (stick\$3 or drumstick\$3 or strik\$3 or beat\$3) with (within or inside or interior or chamber or hollow or body) same pedal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 20:14
S25	13	("20030061932"   "20040060427"   "3553339"   "3659032"   "4168646"   "4570522"   "4741242"   "5042356"   "5293000"   "5430245"   "6121528"   "6121538"   "6982376").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/25 20:17
S26	315	"84"/\$.ccls. and drum same (stick\$3 or drumstick\$3 or strik\$3 or beat\$3) with (within or inside or interior or chamber or hollow or inner)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 20:22
S27	151	"84"/\$.ccls. and drum and (stick\$3 or drumstick\$3 or strik\$3 or beat\$3 or mallet) with (within or inside or interior or inner) with (chamber or hollow or body or shell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 21:11
S28	212	"84"/\$.ccls. and drum and (stick\$3 or drumstick\$3 or mallet or head) with (strik \$3 or beat\$3 or hit\$4) with (chamber or hollow or body or shell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 21:29
S29	233	"84"/\$.ccls. and drum and (stick\$3 or drumstick\$3 or mallet or head) with (strik \$3 or beat\$3 or hit\$4) with (chamber or hollow or body or shell or wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 21:29
S30	5	("3326074"   "4806224"   "5730856"   "6307134").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/25 21:32
S31	1	( Sound box external internal impact surfaces).ti.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/25 21:35

S32	4	(Sound adj box or soundbox) same (stick\$3 or drumstick\$3 or mallet or head) with (strik\$3 or beat \$3 or hit\$4) with (chamber or hollow or body or shell or wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 21:41
S33	14	(Sound adj box or soundbox) and (stick\$3 or drumstick\$3 or mallet or head) with (strik\$3 or beat \$3 or hit\$4 or impact\$3) with (chamber or hollow or body or shell or wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 21:42
S34	863	drum and (stick\$3 or drumstick\$3 or mallet or head) with (strik\$3 or beat \$3 or hit\$4 or impact\$3) with (chamber or hollow or body or shell or wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 21:43
S35	507	"84"/\$.ccls. and drum and (stick\$3 or drumstick\$3 or mallet or head) with (strik \$3 or beat\$3 or hit\$4 or impact\$3) with (chamber or hollow or body or shell or wall or surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/25 21:44
S36	35	(84/417).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/25 23:01
S37	912	(84/411R).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/25 23:06
S38	8	((("4,037,508") or ("4,137,815"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/25 23:11
S39	2	"20030061929"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/25 23:12

S40	2	"20040231490"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/25 23:12
S41	2	("7,365,258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/06 21:54
S42	1199	(84/415,411R,417).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/07 10:24
S43	665	(stick\$3 drumstick\$3 mallet head beater) with (stri\$3 or beat or beating or hit\$4 or impact\$3) with (inside interior within) with (chamber or hollow or body or soundbox or box) and (drum percussion sound entertain\$5 game gaming amus\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/07 12:44
S44	304	(84/415).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 17:12
S45	36	(84/417).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 17:29
S46	962	(84/411R).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/12 17:32
S47	704	S46 and (drum or percussion or drumhead)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 17:33

S48	313	"84"/\$.ccls. and drum and (stick\$3 or drumstick\$3 or mallet or head) with (stri\$3 or beat\$3 or hit\$4 or impact\$3) with (chamber or hollow or body or shell or wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 17:45
S49	14	(Sound adj box or soundbox) and (stick\$3 or drumstick\$3 or mallet or head) with (stri\$3 or beat\$3 or hit\$4 or impact\$3) with (chamber or hollow or body or shell or wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 17:58

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	(snare\$ with (movable adjustable changable selectively) and (internal surface interior inside) with position).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/12 19:22
S52	186	((bass drum resonant near4 chamber) and (stick handle head strik\$3) with (selectively brought into contact) with (rotat\$3 rotation\$3 pivot\$4) with (inner surface wall side chamber)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/12 18:02
S53	6	((bass drum resonant near4 chamber) and snare\$ with (movable adjustable changable selectively) and snare\$ with (internal surface interior inside) with position).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/12 18:06
S54	12	(snare\$ with (movable adjustable changable selectively) and snare\$ with (internal surface interior inside) with position).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/12 18:06

11/ 12/ 2009 7:37:49 PM

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